

Figure 1.

area area area area area area area
10 1000 1000 1000 1000 1000 1000

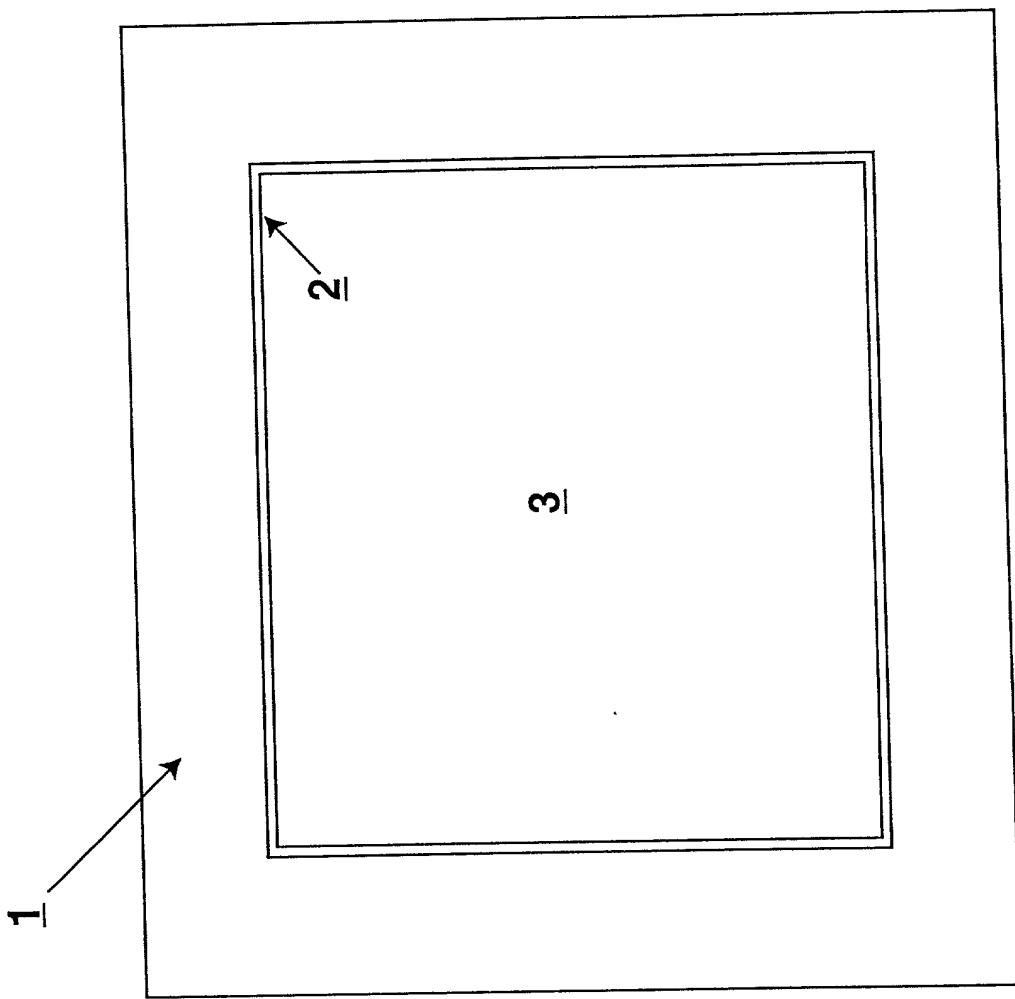


Figure 2

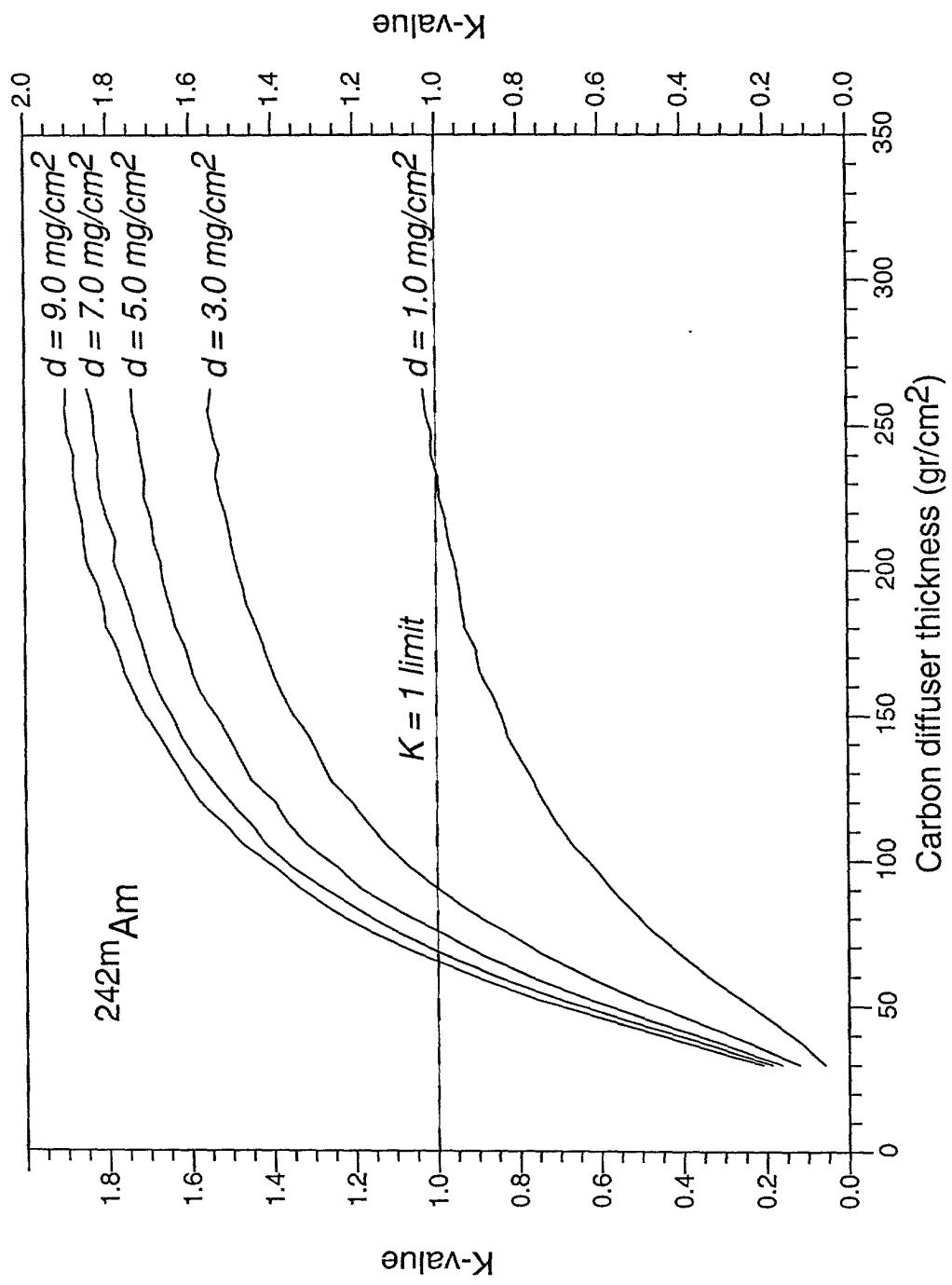


Figure 3

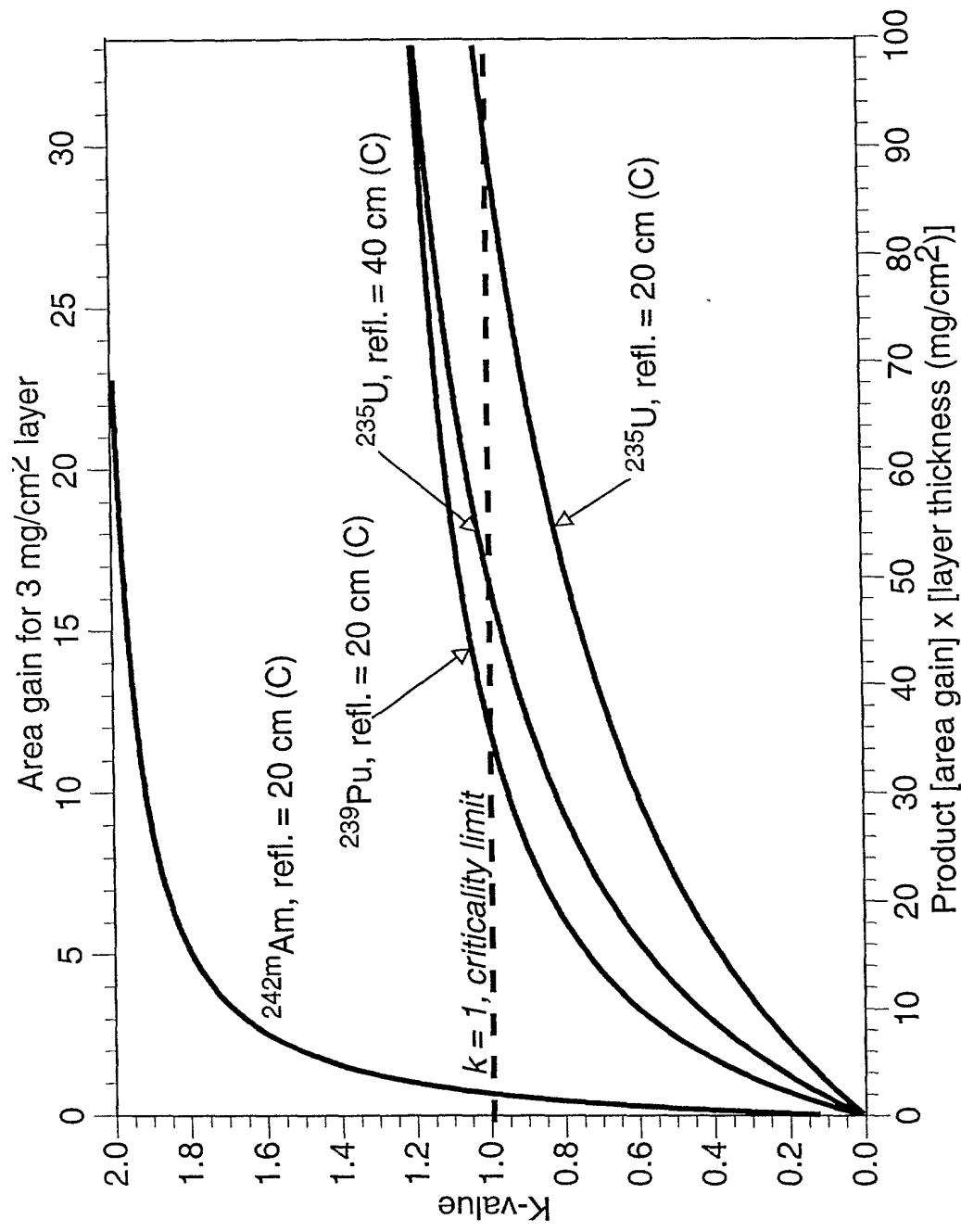
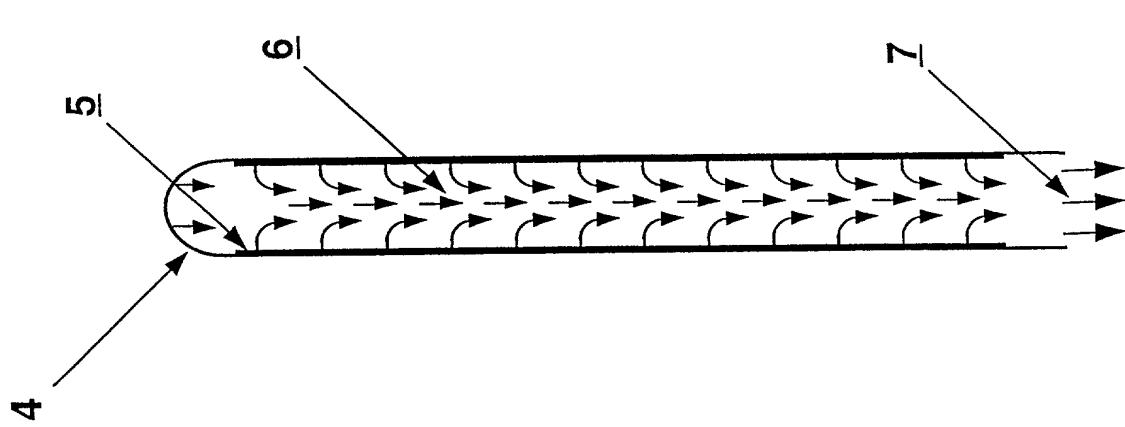


Figure 4.

Figure 5.



uranium, atomic weight 238.028; density 18.7 g/cm³; thermal diffusivity 0.015 cm²/sec.; thermal conductivity 10.5 cal/cm sec °C; specific heat 0.105 cal/g °C; density at 20°C 19.1 g/cm³

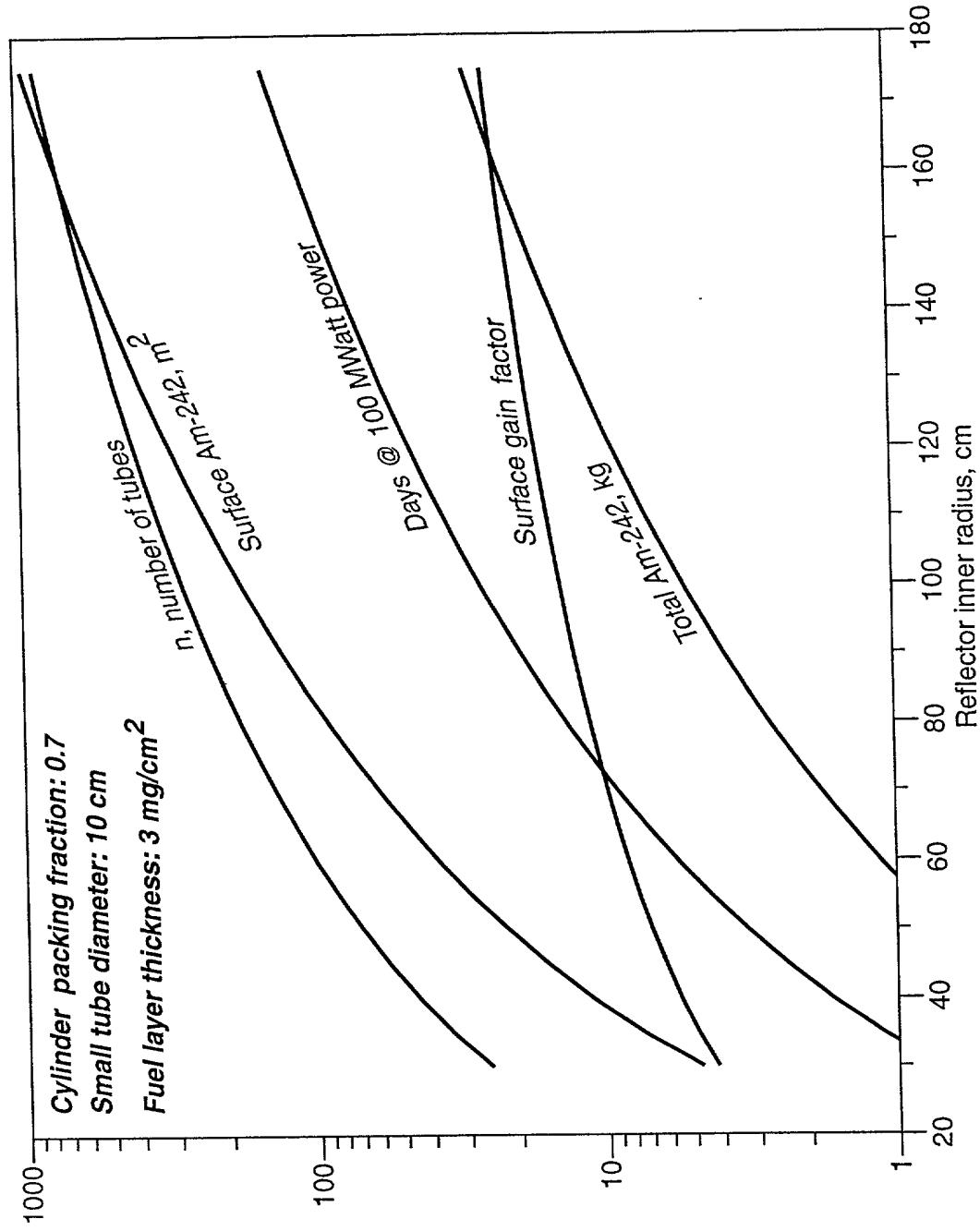


Figure 6.

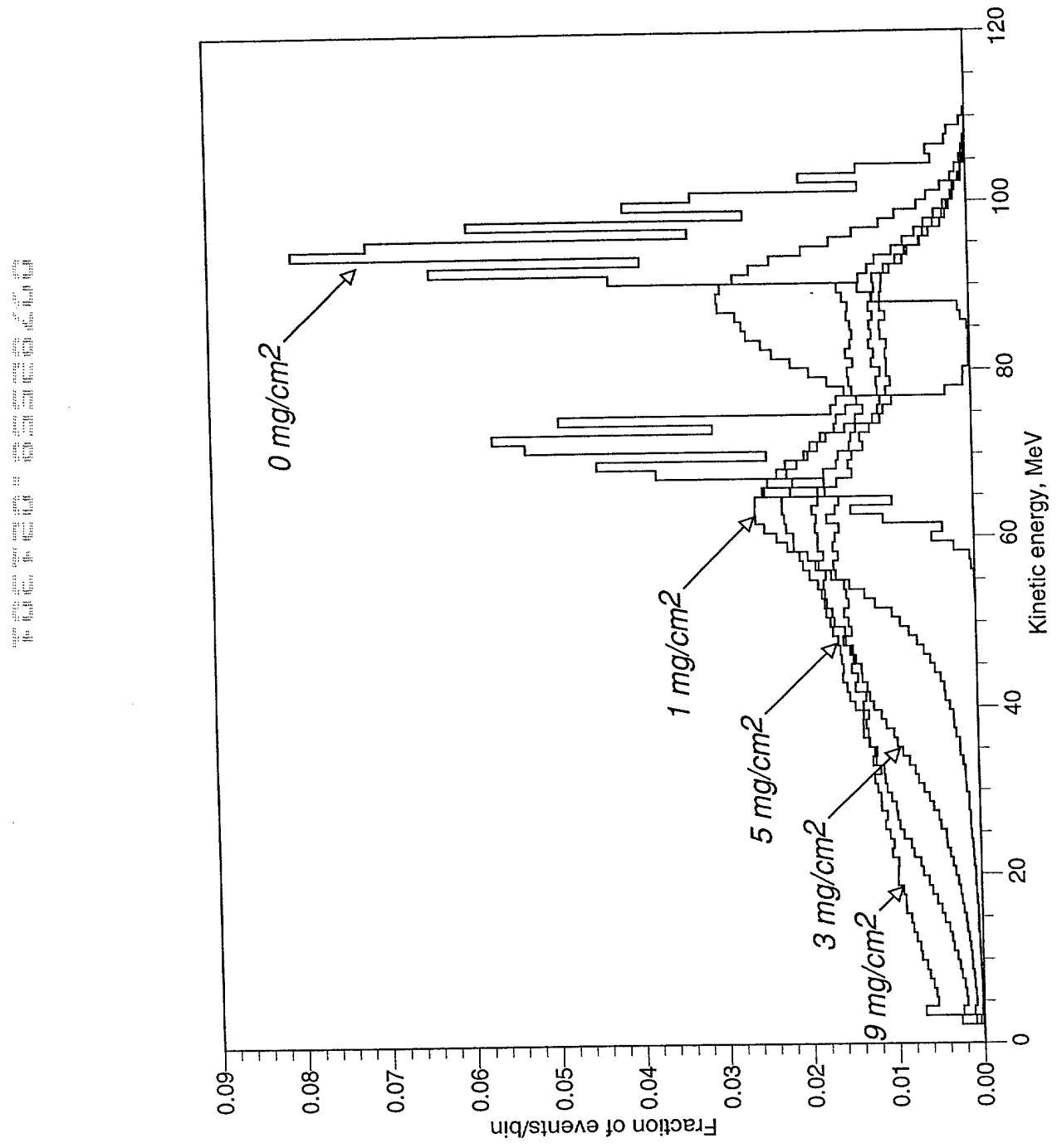


Figure 7

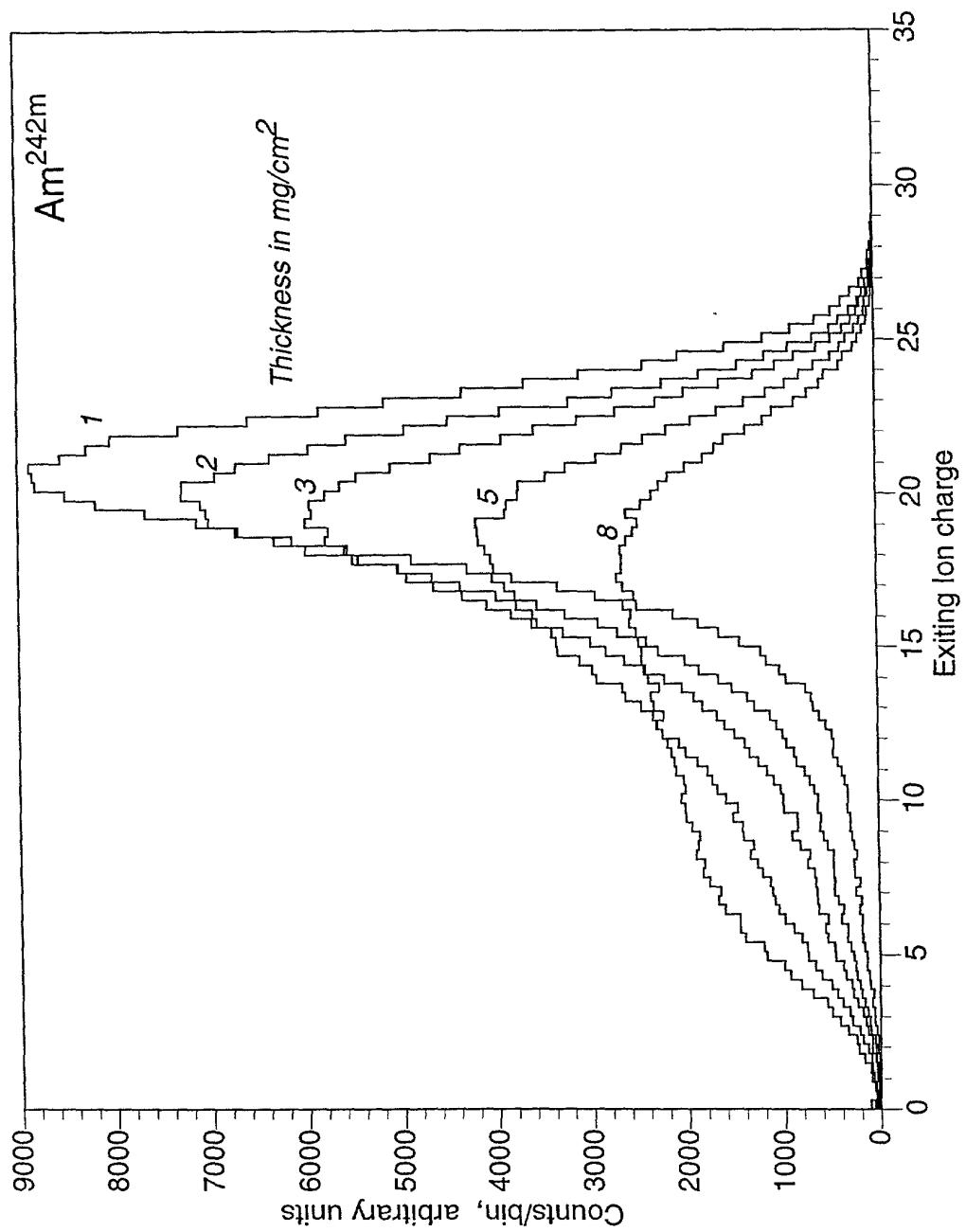
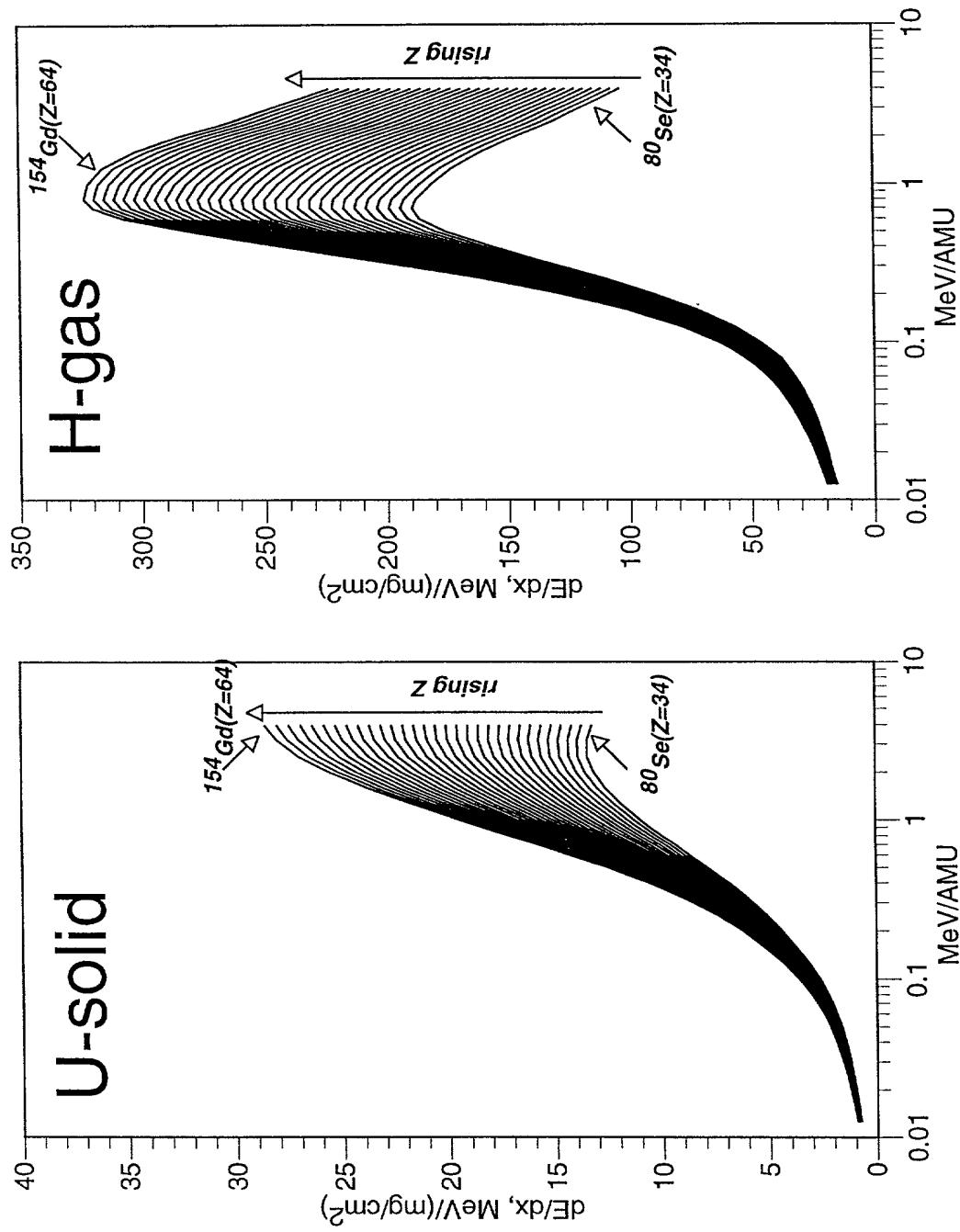


Figure 8

Figure 9



Hydrogen gas thickness, mg/cm²

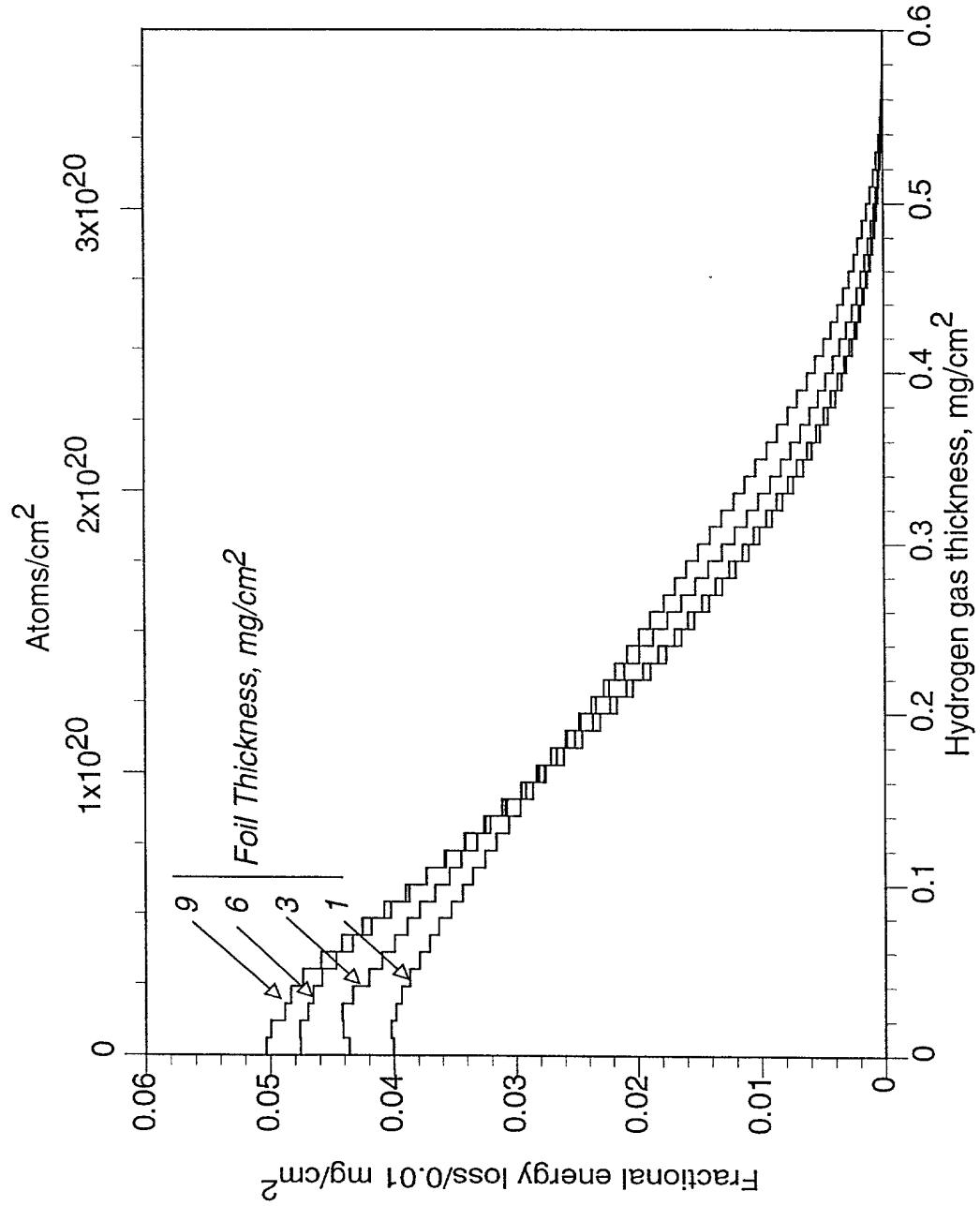


Figure 10.

Hydrogen depth, t (g/cm²)

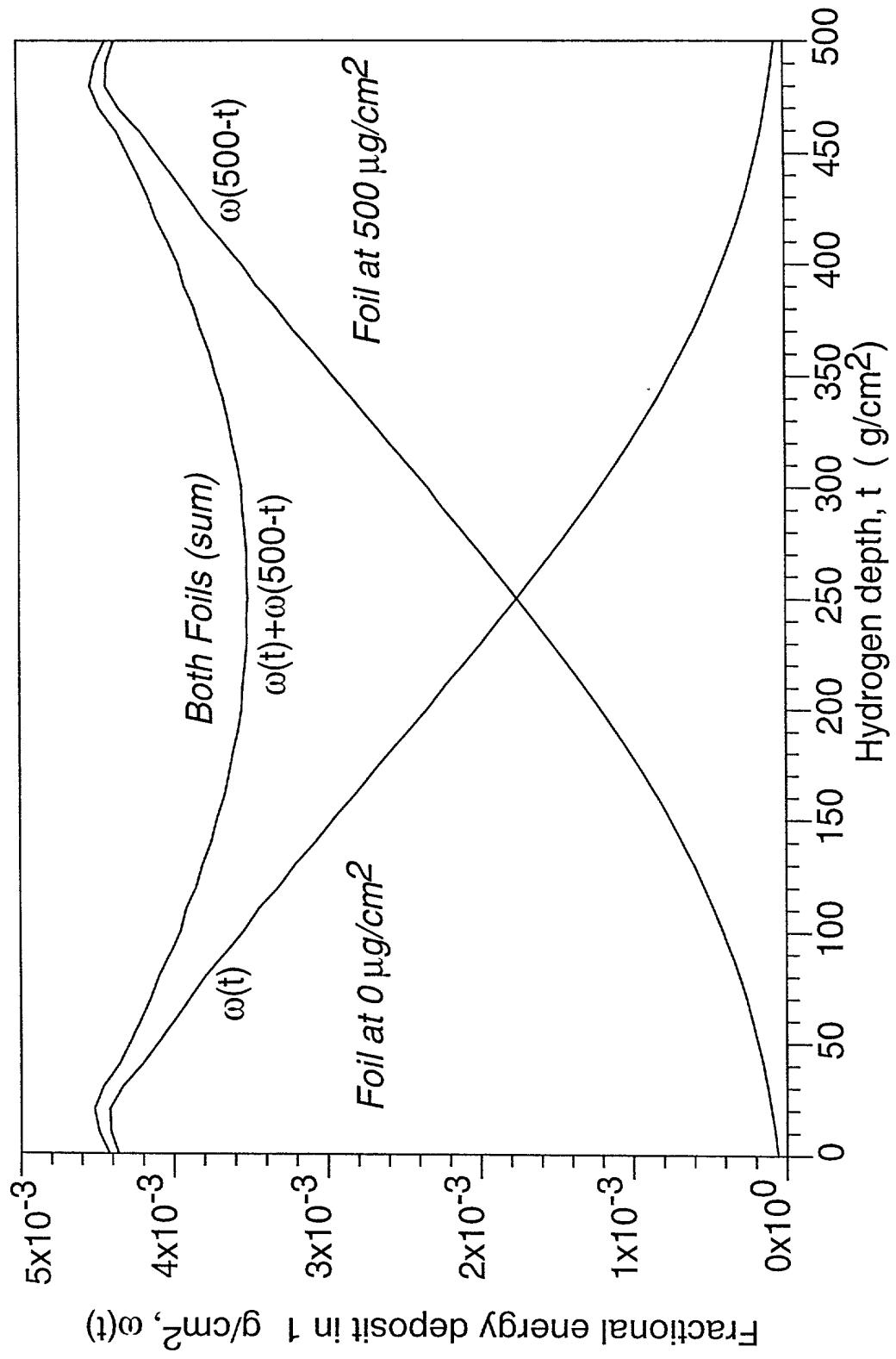


Figure 11.

power density, (Watt/mg) power density, (Watt/g)

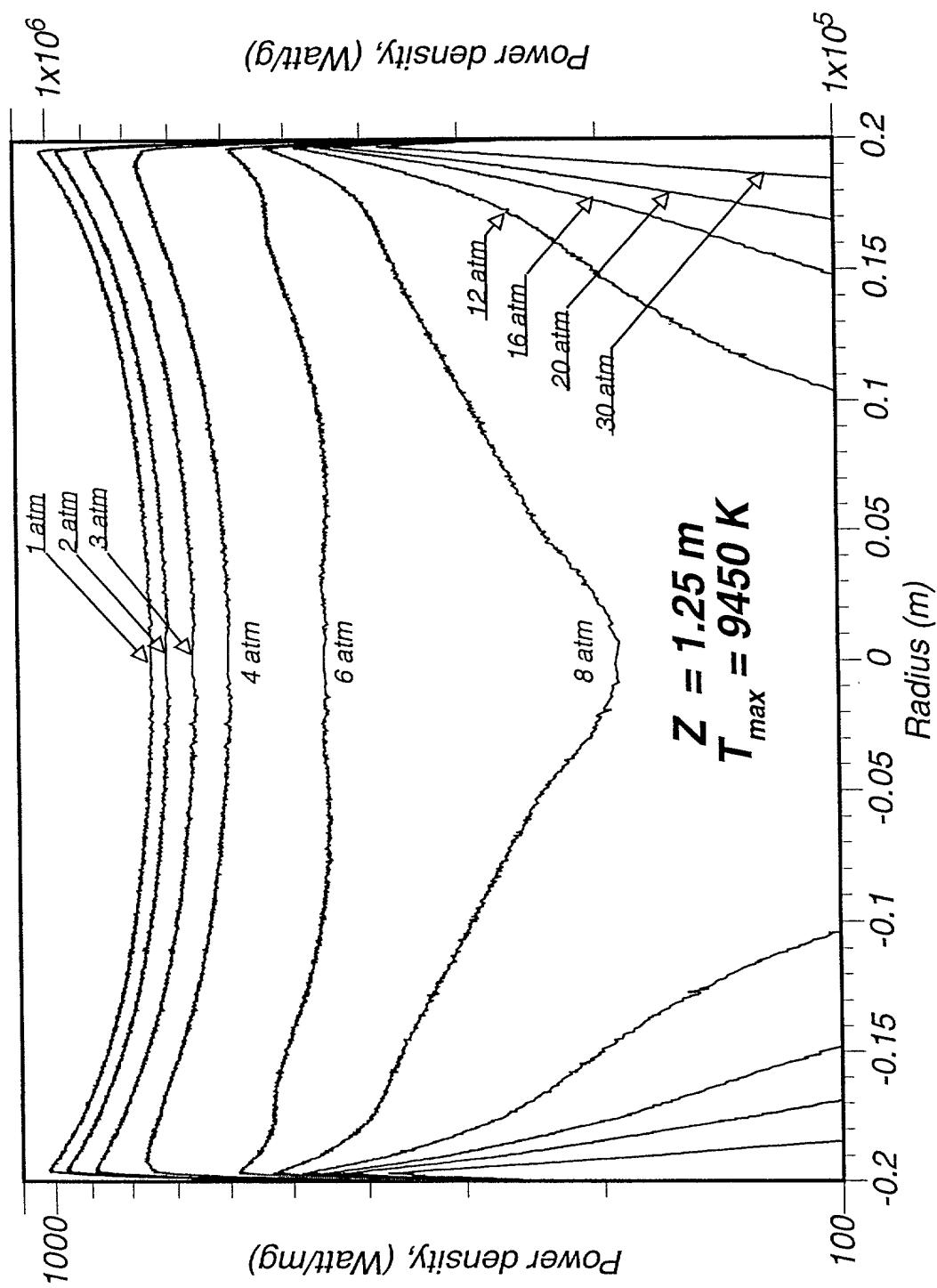


Figure 12.

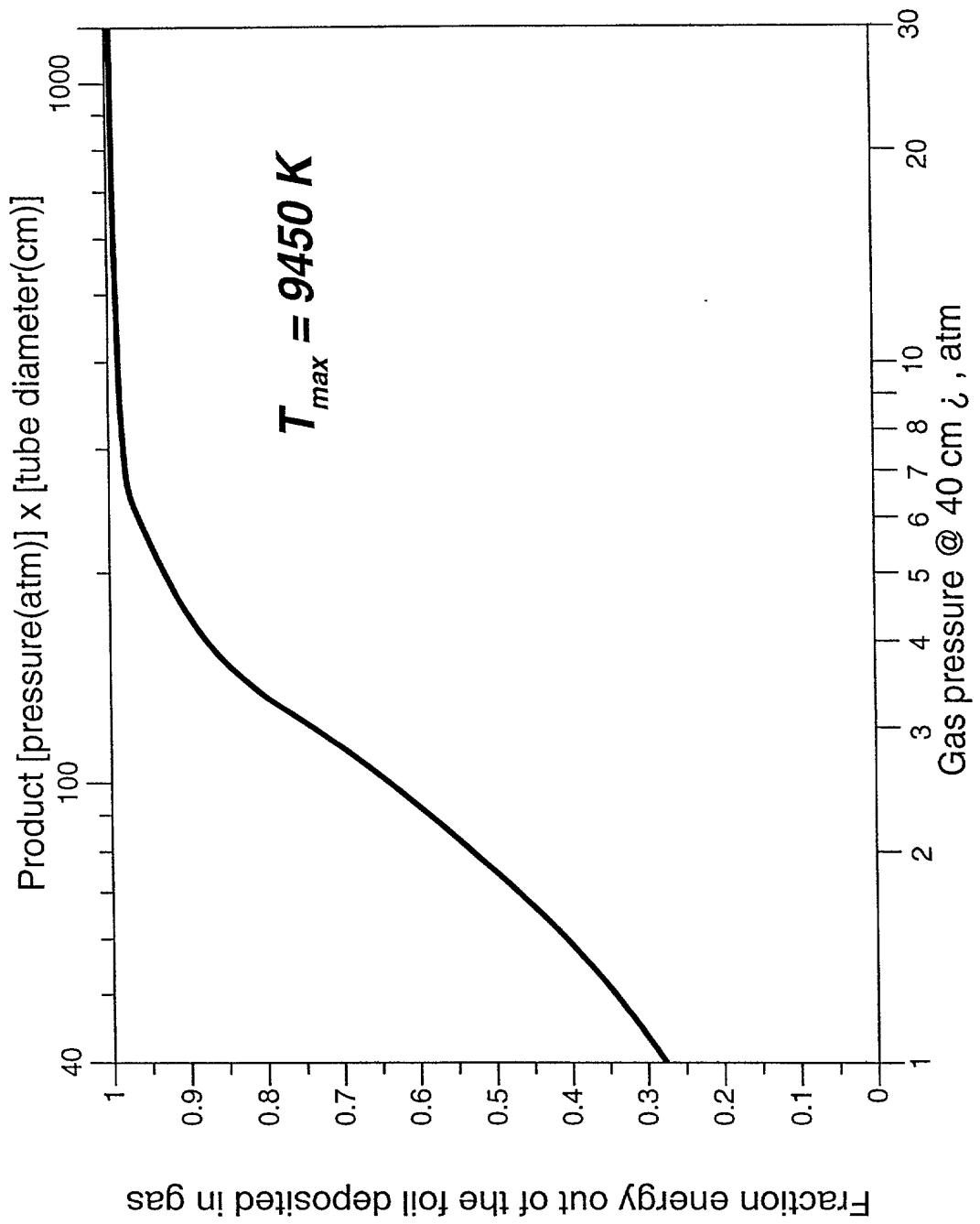


Figure 13.

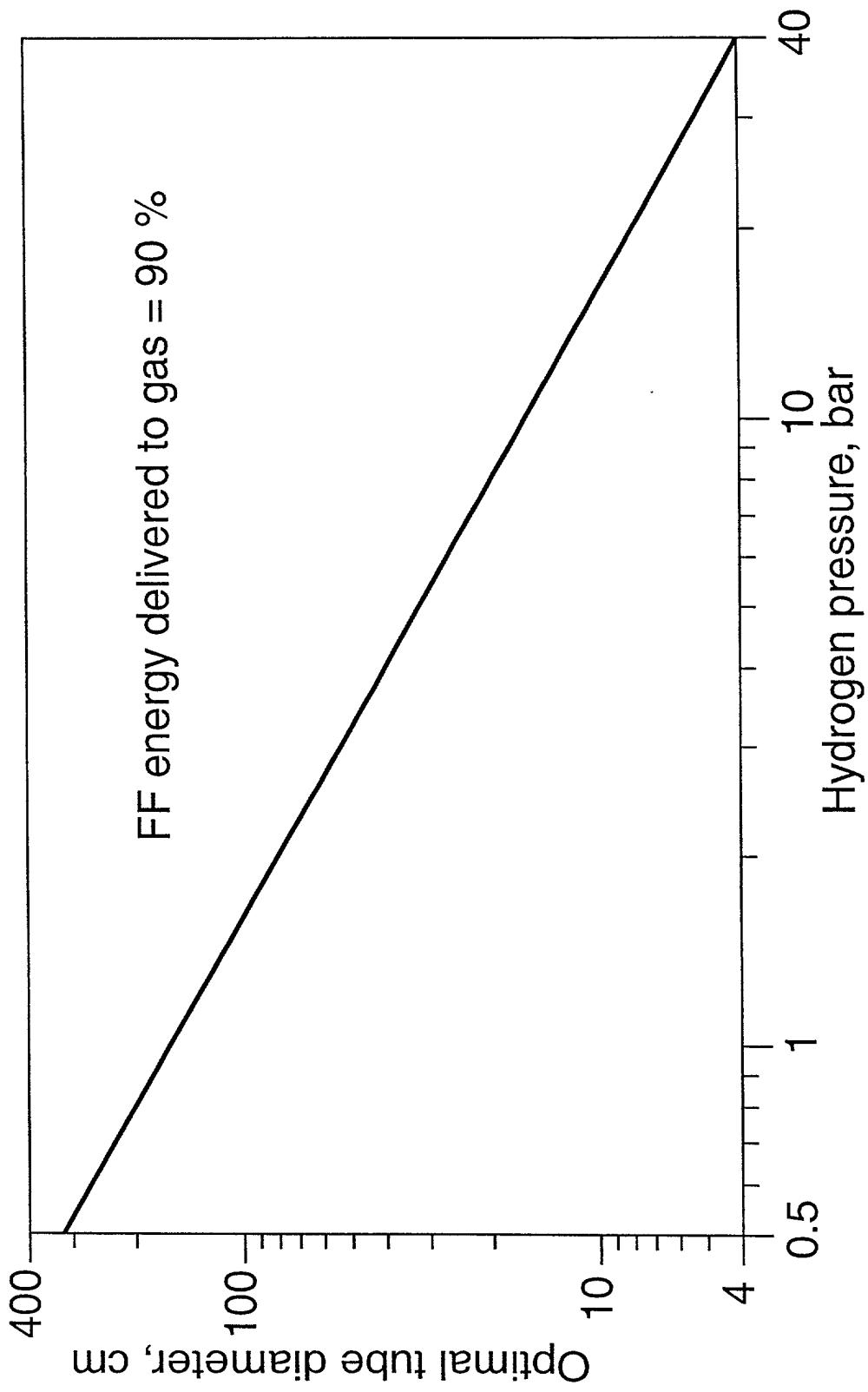


Figure 14.

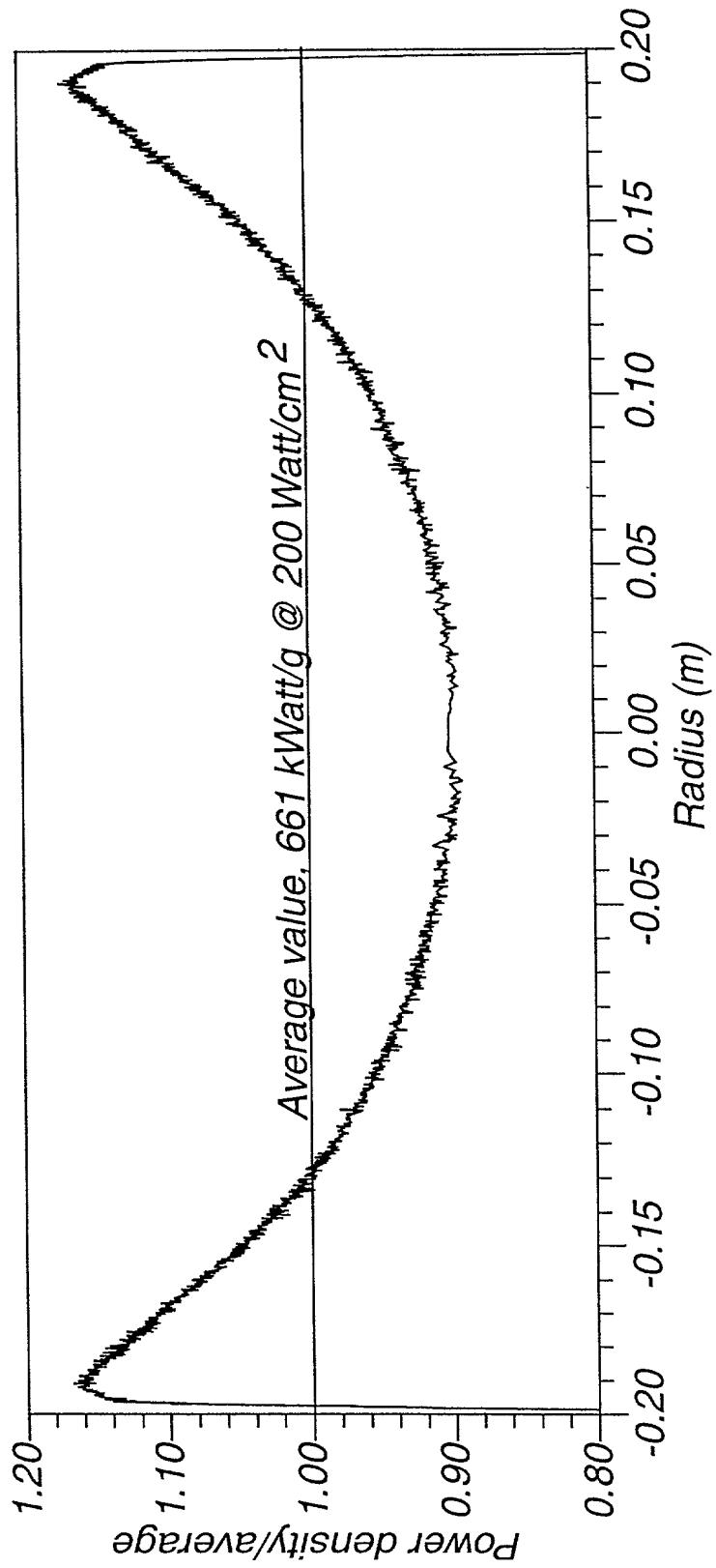
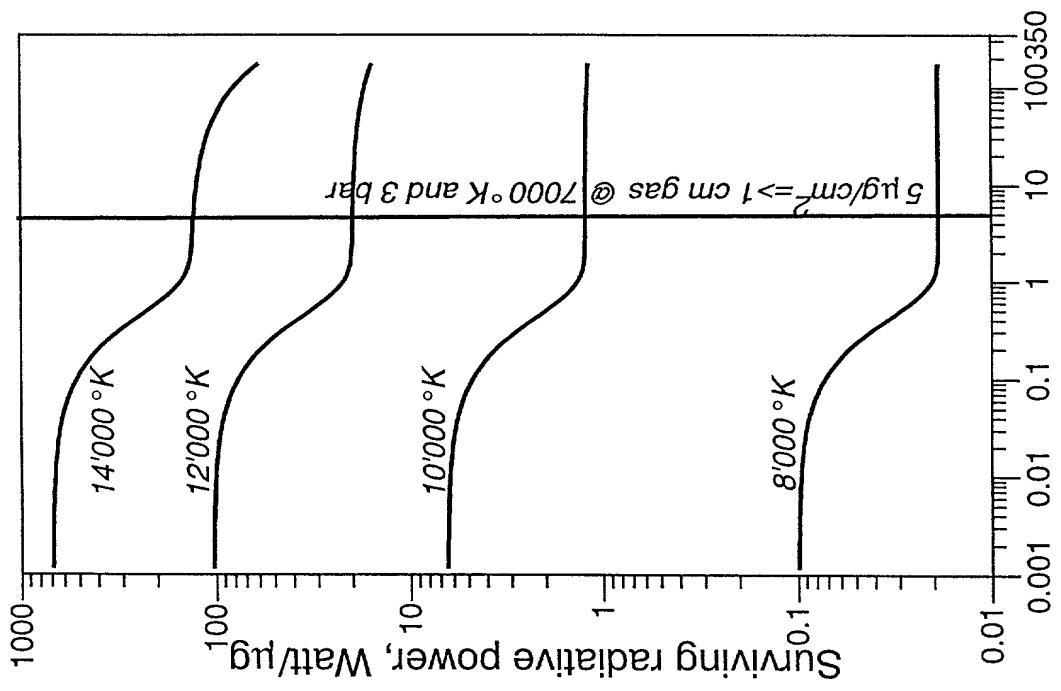


Figure 15.

Figure 16.

Thickness ($\mu\text{g}/\text{cm}^2$)



Pressure = 6.0 atm
Mass flow = 3.5 g/s
FF heating = 0.5 W/ μ g

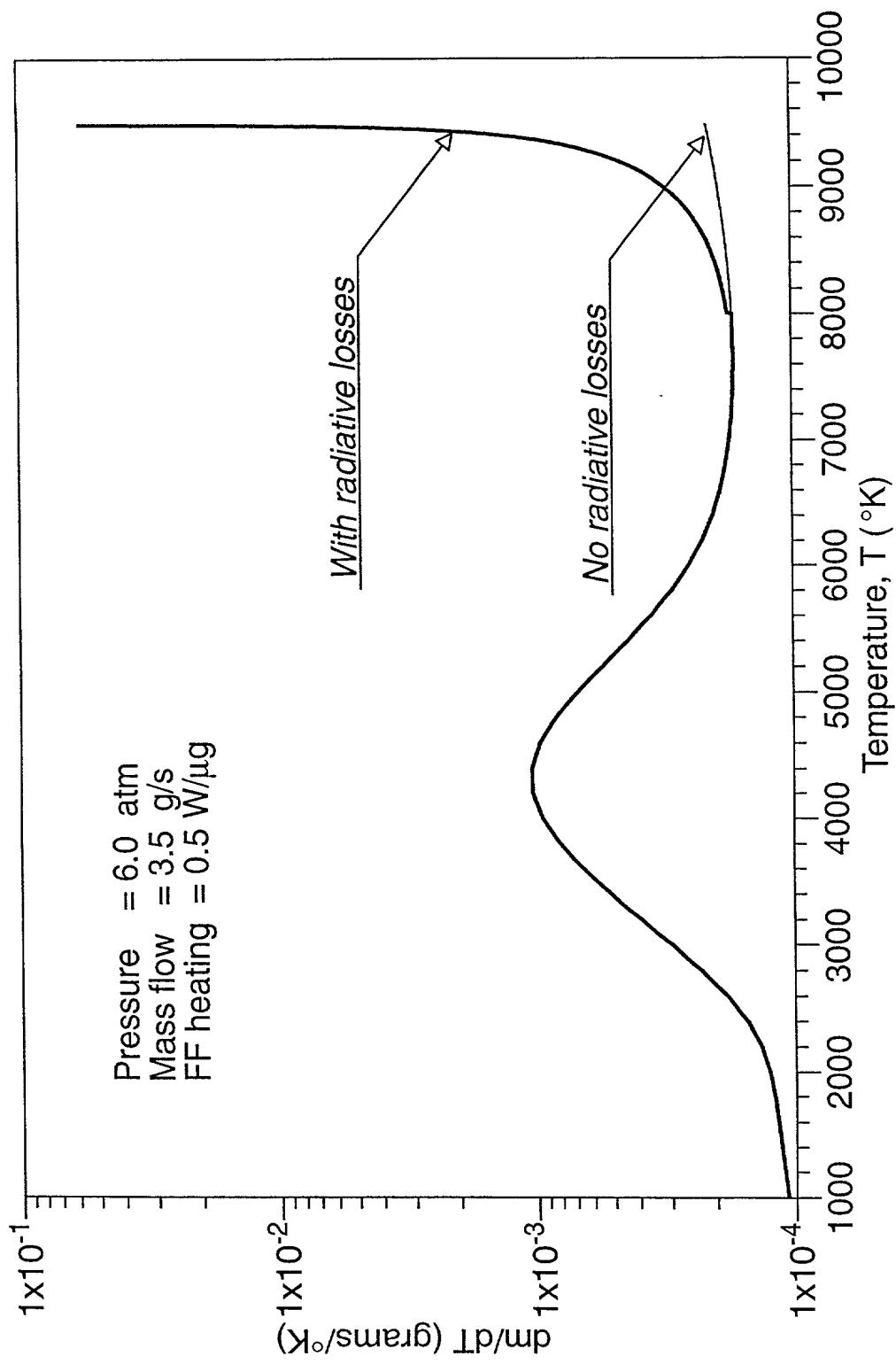


Figure 17.

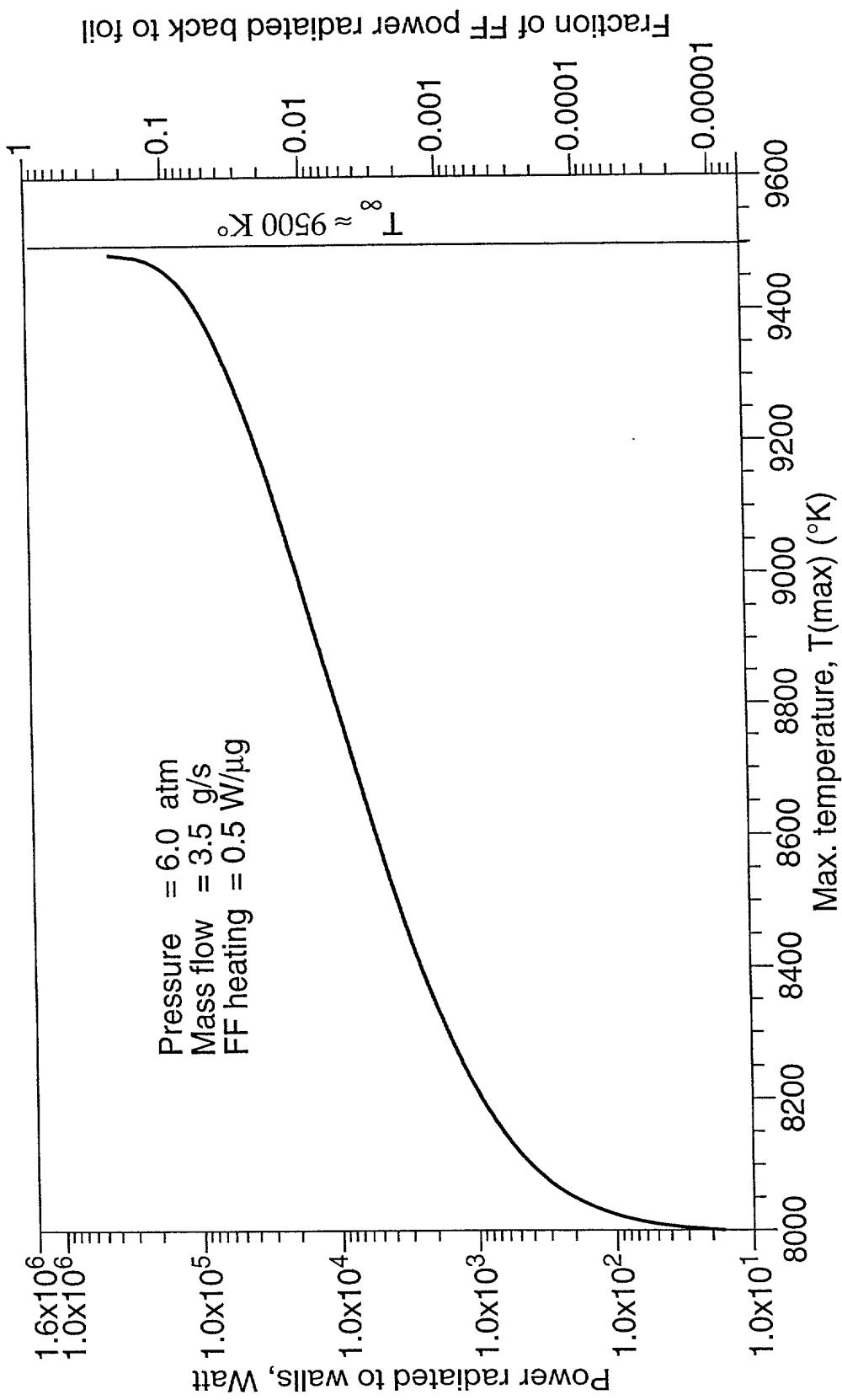


Figure 18.

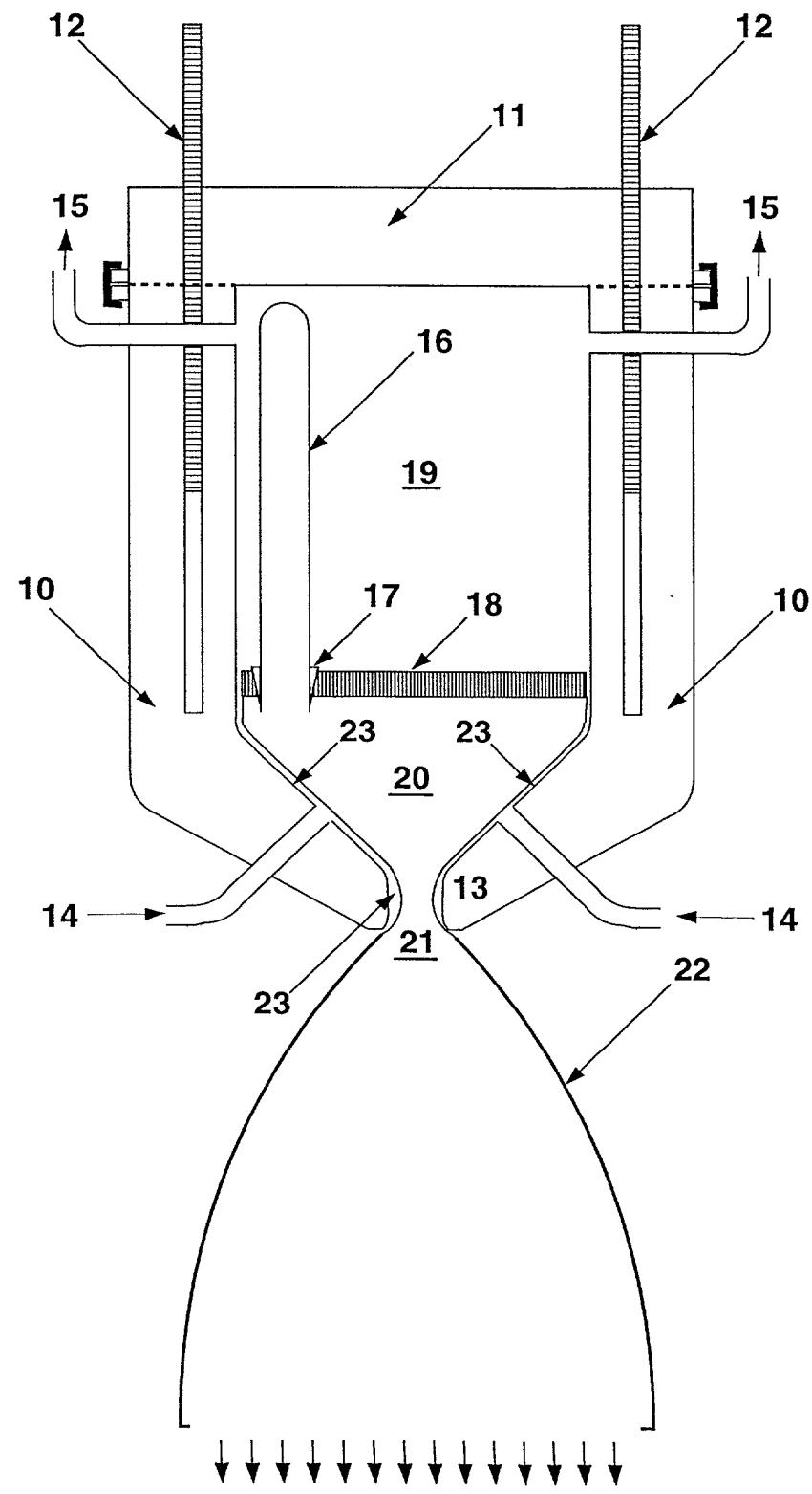
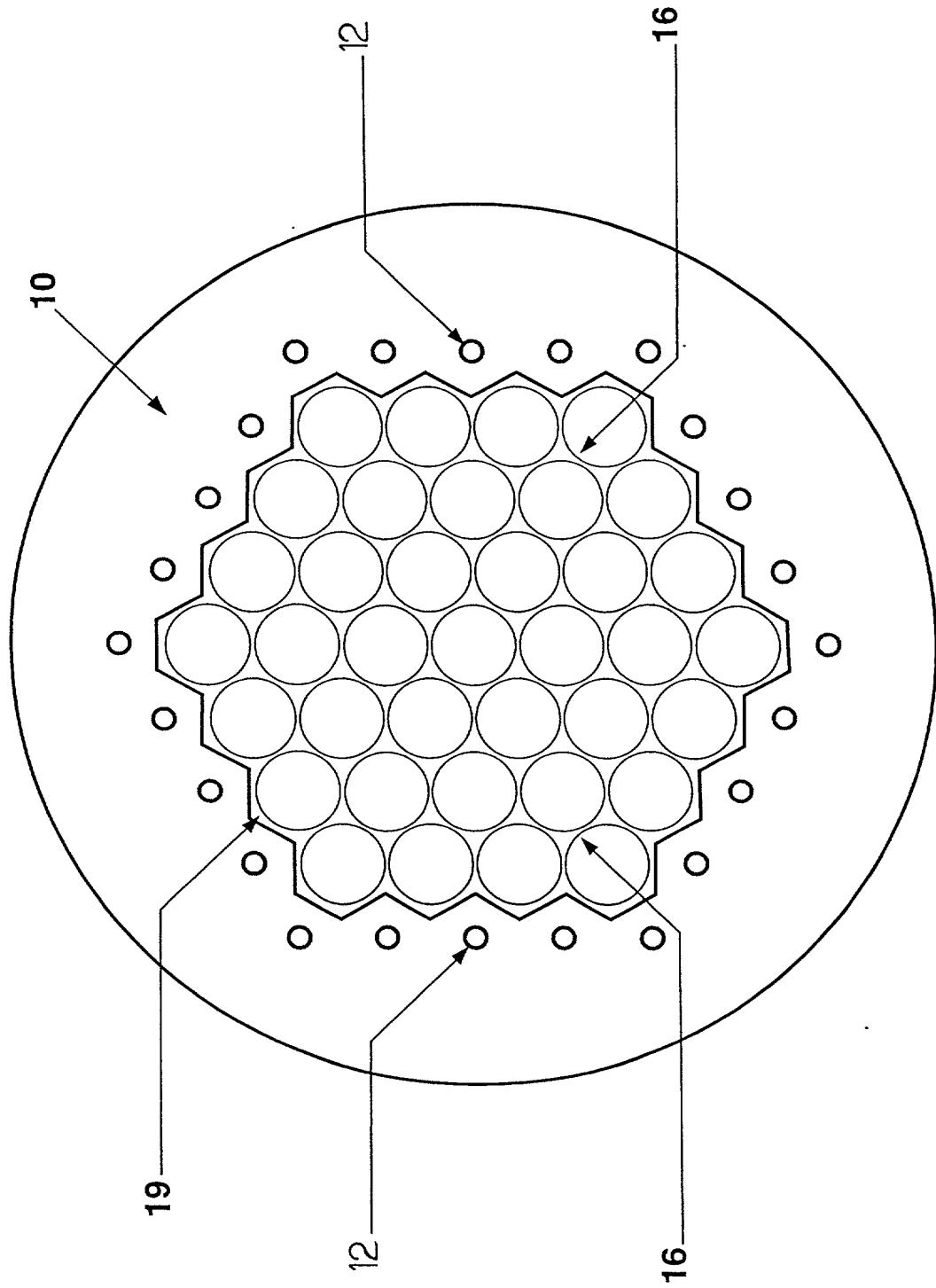


Figure 19

Figure 20.



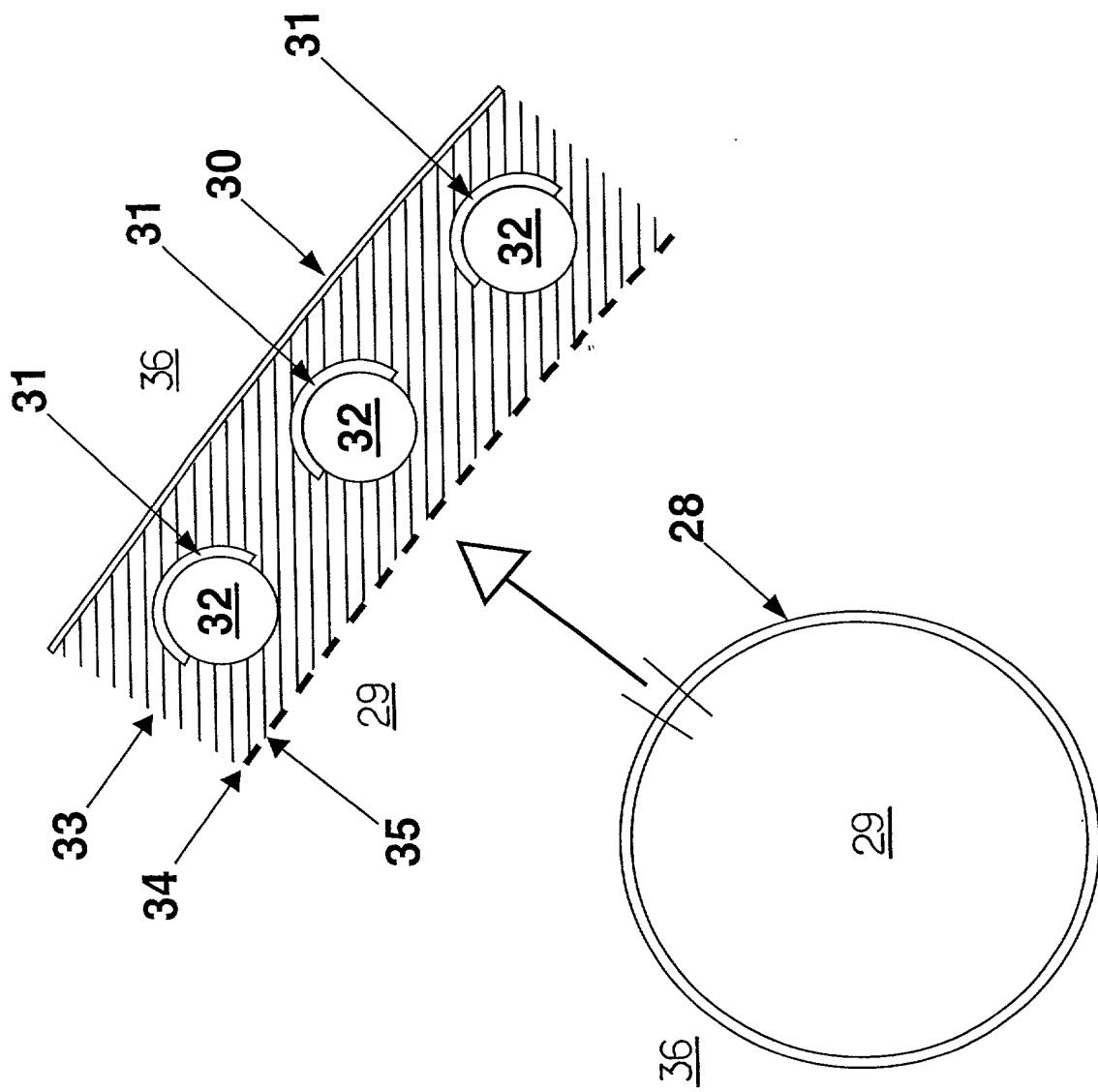


Figure 21

Li boiling point @ 1 bar

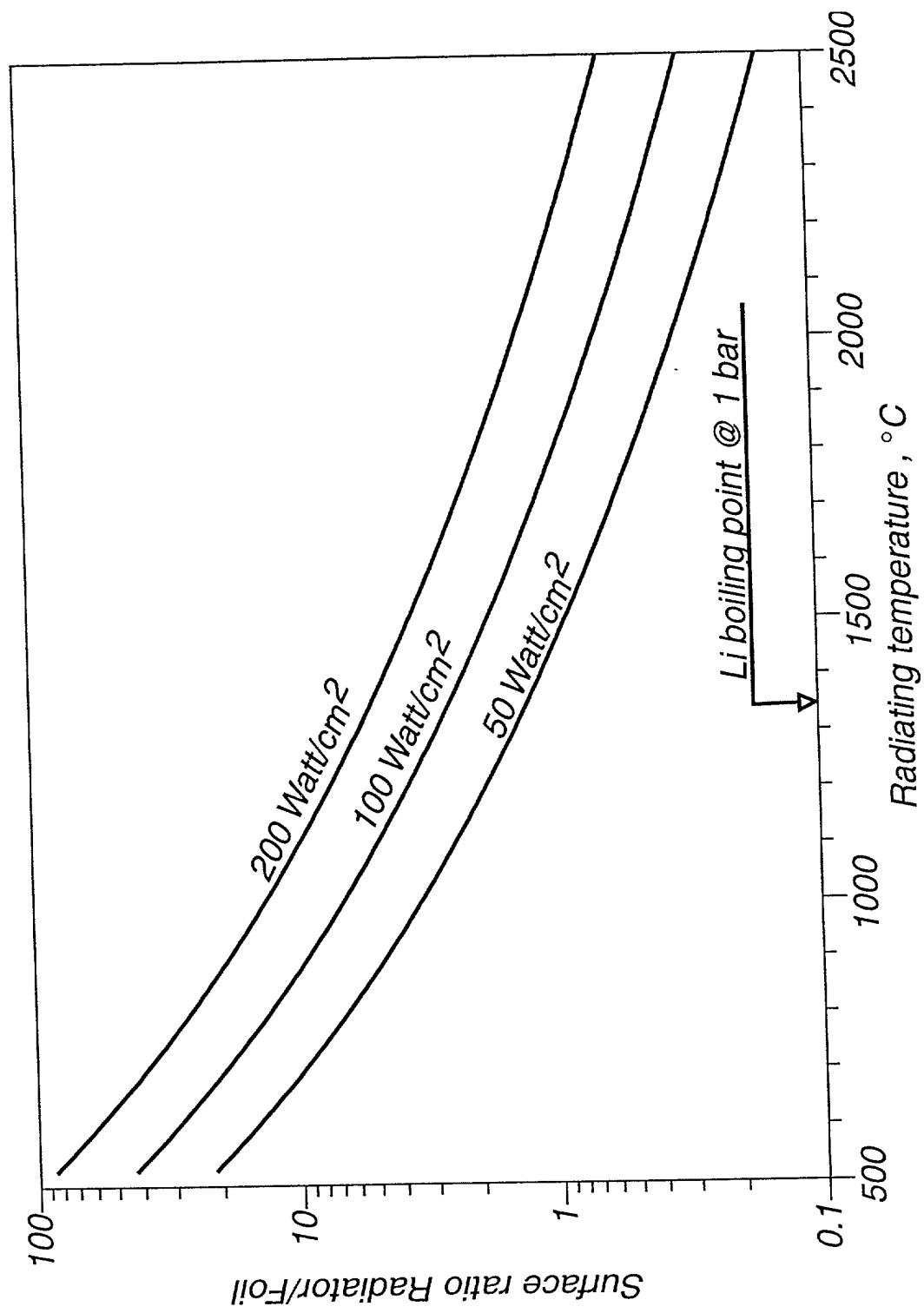
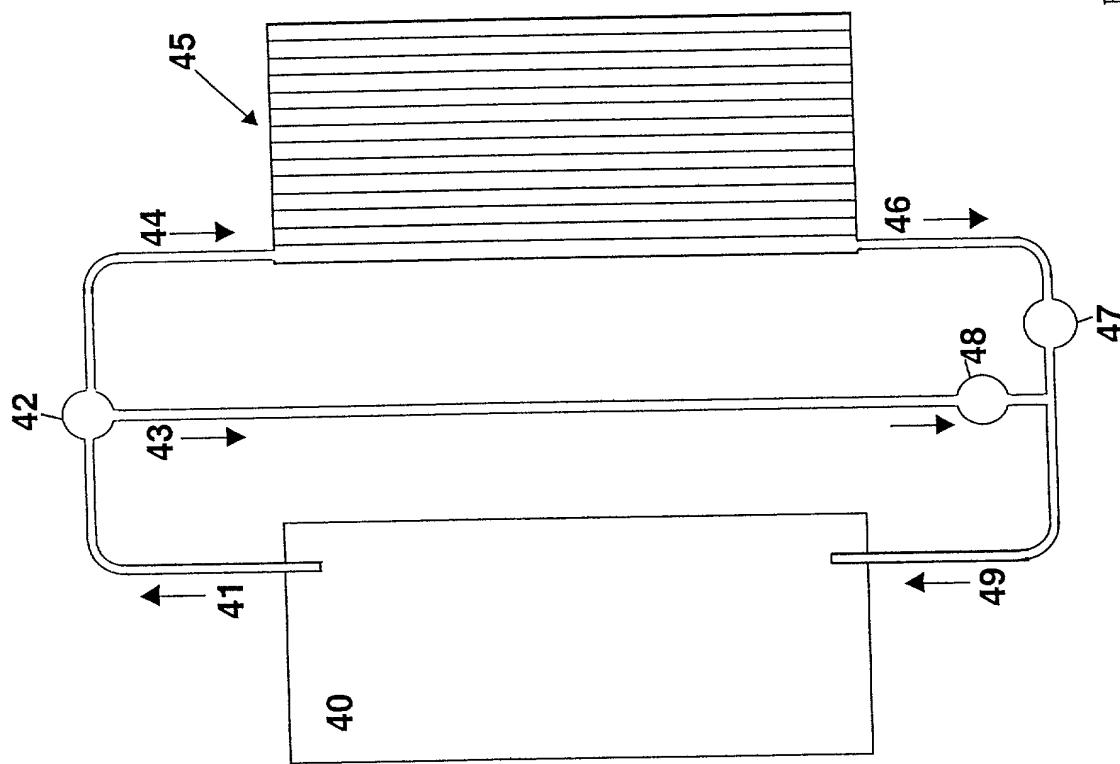


Figure 22.

Figure 23.



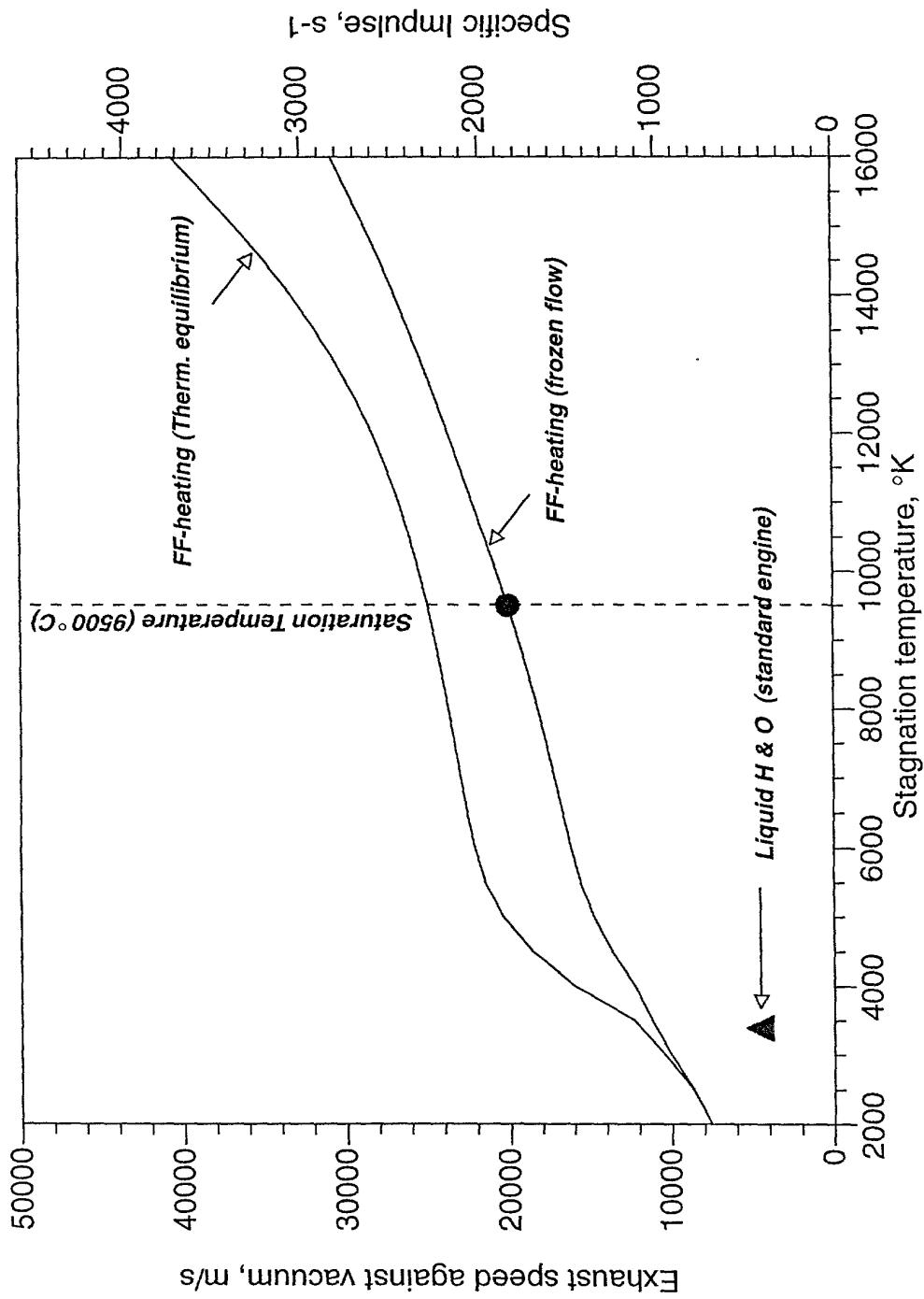


Figure 24.